

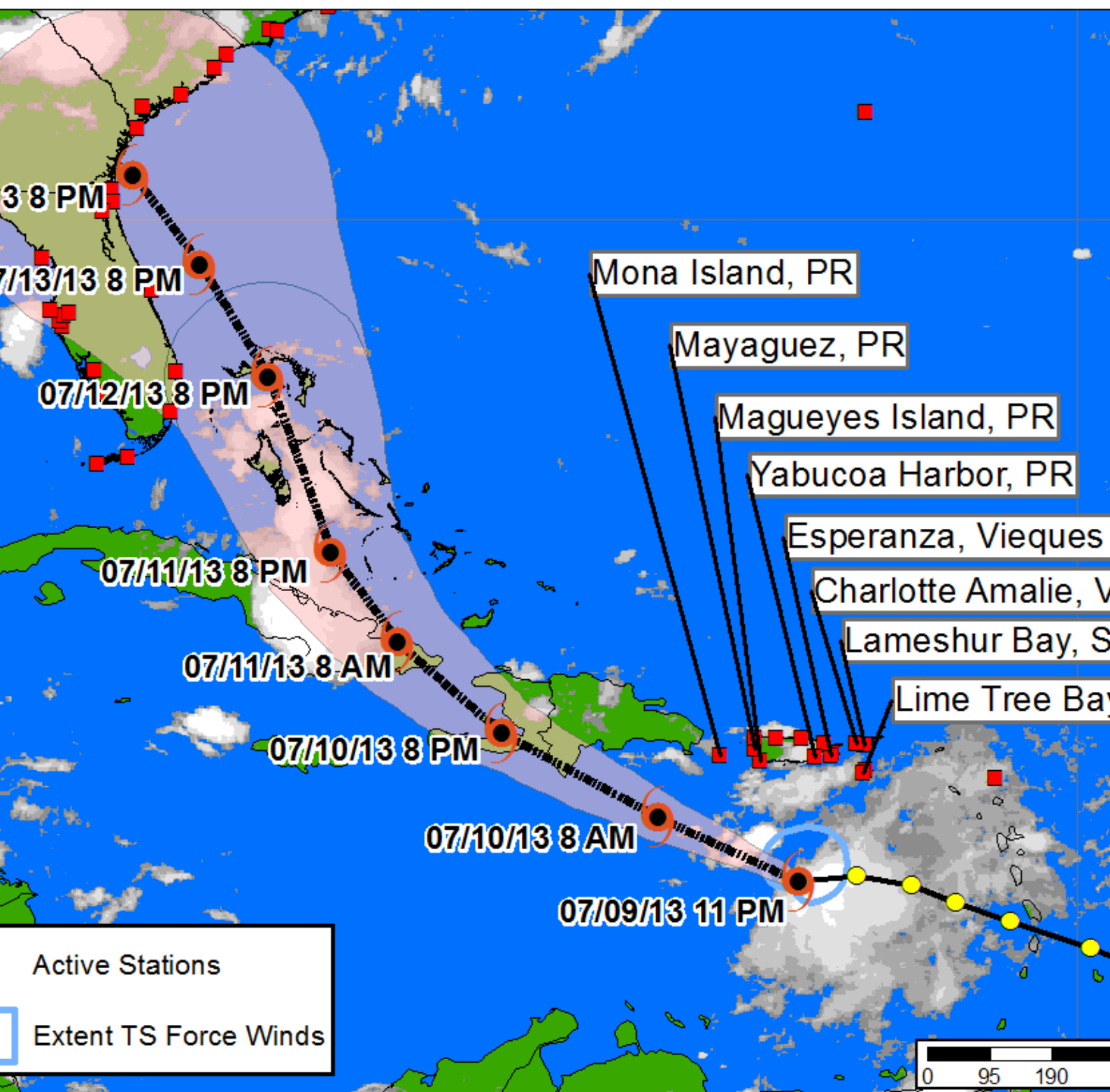
Tropical Storm CHANTAL QuickLook, POSTED 00:00 AST 07/10/2013



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Posted: 00:00 AST 07/10/2013



NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 07/10/2013 00:00 AST, water levels in the U.S. Virgin Islands and Puerto Rico are generally between 0.1 and 0.5 feet above predicted tide levels. Winds are between 5 and 15 knots with gusts of around 30 knots observed at Esperanza and Lime Tree Bay. Barometric pressure is steady across the region.

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Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Lameshur Bay, St. John, VI: Next predicted high tides are 0.8 ft (0.25 m) at 07/10/2013 22:55 AST and 0.3 ft (0.09 m) at 07/11/2013 09:58 AST.

Lime Tree Bay, VI: Next predicted high tides are 0.7 ft (0.22 m) at 07/10/2013 23:18 AST and 0.7 ft (0.21 m) at 07/11/2013 23:20 AST.

Charlotte Amalie, VI: Next predicted high tides are 0.8 ft (0.25 m) at 07/10/2013 22:56 AST and 0.3 ft (0.09 m) at 07/11/2013 09:24 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.8 ft (0.23 m) at 07/10/2013 22:34 AST and 0.7 ft (0.22 m) at 07/11/2013 22:51 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.6 ft (0.19 m) at 07/10/2013 22:37 AST and 0.6 ft (0.18 m) at 07/11/2013 22:36 AST.

Magueyes Island, PR: Next predicted high tides are 0.7 ft (0.21 m) at 07/10/2013 23:23 AST and 0.7 ft (0.20 m) at 07/11/2013 23:27 AST.

Mayaguez, PR: Next predicted high tides are 0.9 ft (0.26 m) at 07/10/2013 09:58 AST and 1.3 ft (0.41 m) at 07/10/2013 22:36 AST.

Mona Island, PR: Next predicted high tides are 0.8 ft (0.26 m) at 07/10/2013 22:22 AST and 0.8 ft (0.25 m) at 07/11/2013 22:51 AST.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:DW

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CHANTAL ADVISORY NUMBER 9  
NWS NATIONAL HURRICANE CENTER MIAMI FL AL032013  
1100 PM AST TUE JUL 09 2013

...CENTER OF CHANTAL PASSING SOUTH OF PUERTO RICO...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WATCH IS IN EFFECT FOR...

\* BARAHONA TO SAMANA DOMINICAN REPUBLIC

A TROPICAL STORM WARNING IS IN EFFECT FOR...

\* PUERTO RICO

\* ENTIRE COAST OF THE DOMINICAN REPUBLIC

\* ENTIRE COAST OF HAITI

\* TURKS AND CAICOS

\* SOUTHEASTERN BAHAMAS

A TROPICAL STORM WATCH IS IN EFFECT FOR...

\* U.S. VIRGIN ISLANDS

\* VIEQUES AND CULEBRA

\* CENTRAL BAHAMAS

INTERESTS IN EASTERN CUBA AND THE NORTHWESTERN BAHAMAS SHOULD MONITOR THE PROGRESS OF CHANTAL.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

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AT 1100 PM AST...0300 UTC...THE CENTER OF TROPICAL STORM CHANTAL WAS LOCATED NEAR LATITUDE 15.3 NORTH...LONGITUDE 66.2 WEST. CHANTAL IS MOVING TOWARD THE WEST-NORTHWEST NEAR 28 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE WITH A GRADUAL DECREASE IN FORWARD SPEED DURING THE NEXT DAY OR SO. A TURN TOWARD THE NORTHWEST IS EXPECTED BY THURSDAY. ON THE FORECAST TRACK...THE CENTER OF CHANTAL WILL PASS SOUTH OF PUERTO RICO TONIGHT...AND IS EXPECTED TO BE NEAR OR OVER HISPANIOLA BY WEDNESDAY AFTERNOON. CHANTAL IS EXPECTED TO BE NEAR EASTERN CUBA EARLY THURSDAY AND OVER THE SOUTHEASTERN OR CENTRAL BAHAMAS LATER ON THURSDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. THESE WINDS ARE CONFINED TO A SMALL AREA TO THE EAST OF THE CENTER. LITTLE CHANGE IN STRENGTH IS EXPECTED BEFORE CHANTAL REACHES HISPANIOLA...BUT WEAKENING IS FORECAST AFTER THAT TIME.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 90 MILES MAINLY TO THE NORTH OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1009 MB...29.80 INCHES.

#### HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS ARE EXPECTED ACROSS PORTIONS OF PUERTO RICO

TONIGHT AND EARLY WEDNESDAY. TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH THE DOMINICAN REPUBLIC ON WEDNESDAY MORNING. TROPICAL STORM CONDITIONS ARE EXPECTED IN HAITI BY LATE WEDNESDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE SOUTHEASTERN BAHAMAS...THE TURKS AND CAICOS...AND PORTIONS OF THE CENTRAL BAHAMAS ON THURSDAY.

STORM SURGE...A STORM SURGE...ACCOMPANIED BY DANGEROUS WAVES...WILL RAISE WATER LEVELS BY THE FOLLOWING AMOUNTS ABOVE NORMAL TIDE LEVELS... SOUTHERN AND WESTERN HISPANIOLA...2 TO 4 FT REMAINDER OF TROPICAL STORM WARNING AREA...1 TO 3 FT

RAINFALL...CHANTAL IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS 3 TO 6 INCHES OVER PUERTO RICO...THE U.S. VIRGIN ISLANDS...THE SOUTHEASTERN BAHAMAS...THE DOMINICAN REPUBLIC AND HAITI. ISOLATED MAXIMUM AMOUNTS OF 10 INCHES ARE POSSIBLE OVER HISPANIOLA.

#### NEXT ADVISORY

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NEXT INTERMEDIATE ADVISORY...200 AM AST.

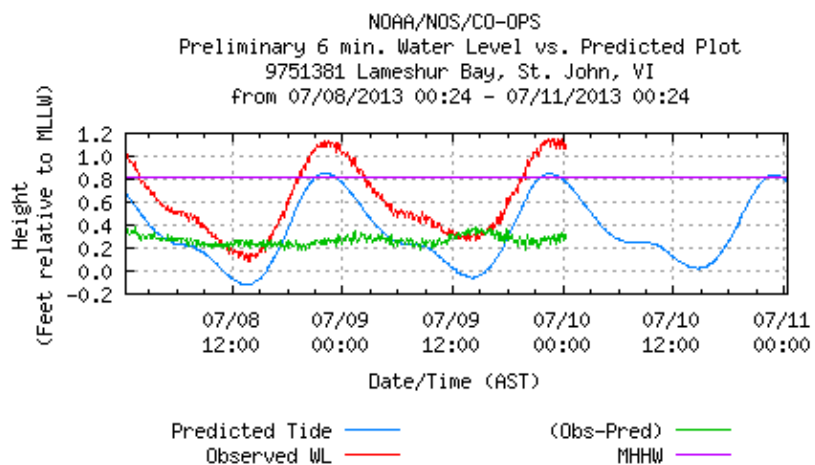
NEXT COMPLETE ADVISORY...500 AM AST.

FORECASTER KIMBERLAIN/BROWN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Lameshur Bay, St. John, VI - Return to List

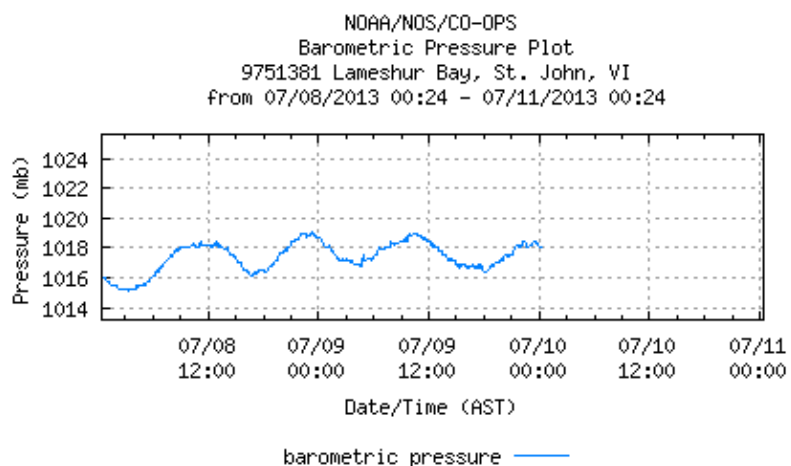


Last Observed Sample: 07/10/2013 00:24 (AST)

Relative to MLLW: **Observed: 1.05 ft.** **Predicted: 0.77 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: Aug 30 2010, 1.71 ft. above MLLW

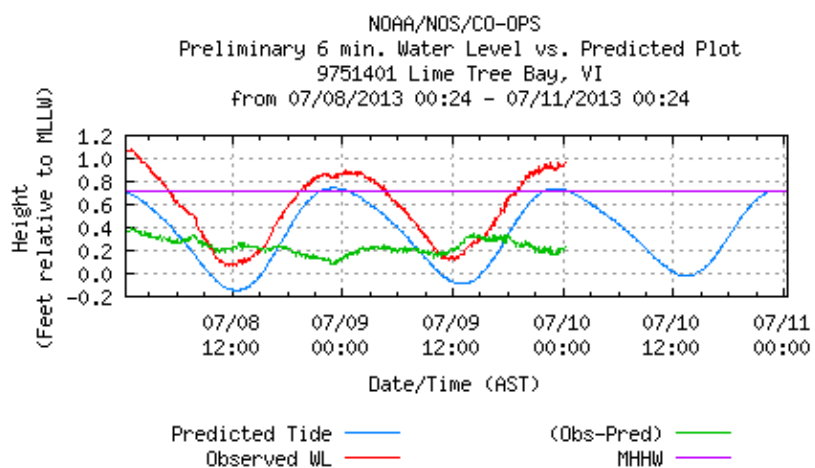
Lameshur Bay, St. John, VI - Return to List



Last Observed Sample: 07/10/2013 00:24 (AST)

**Barometric Pressure: 1018.0 mb**

Lime Tree Bay, VI - Return to List

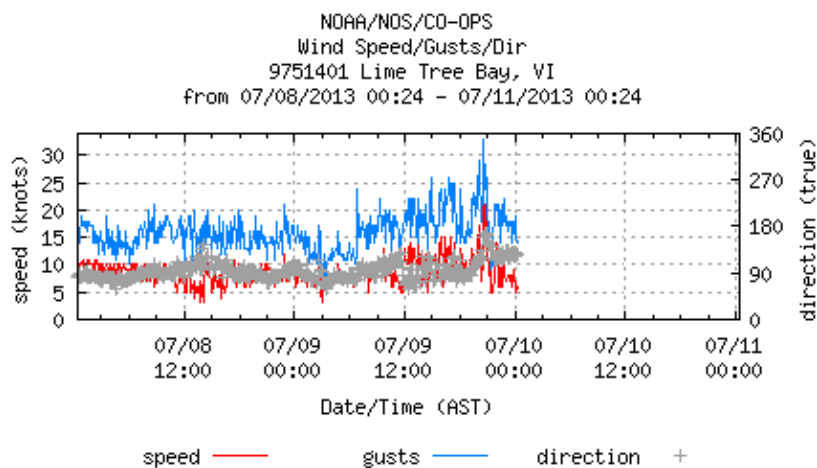


Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: **Observed: 0.97 ft.** **Predicted: 0.72 ft.** **Residual: 0.25 ft.**

Historical Maximum Water Level: Nov 17 1999, 2.59 ft. above MLLW

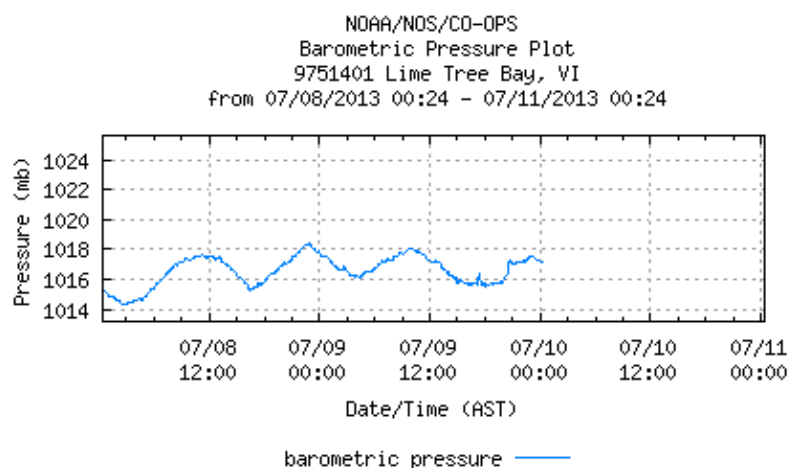
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

**Wind Speed: 5 knots** **Gusts: 13 knots** **Direction: 133° T**

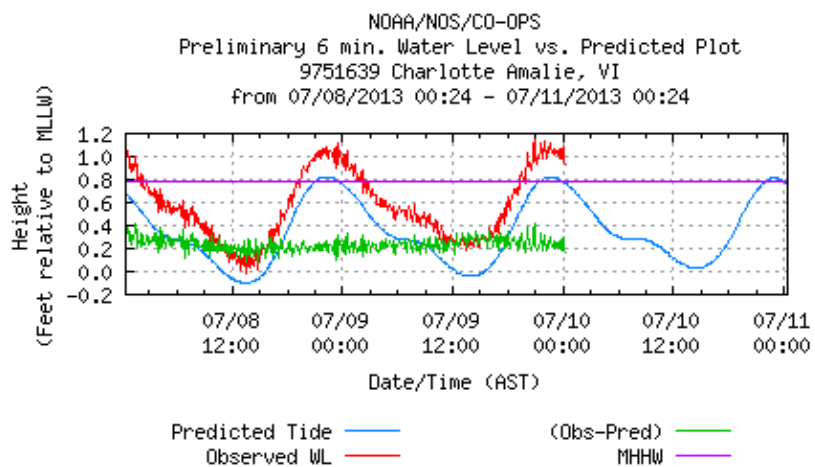
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Barometric Pressure: 1017.0 mb

Charlotte Amalie, VI - Return to List



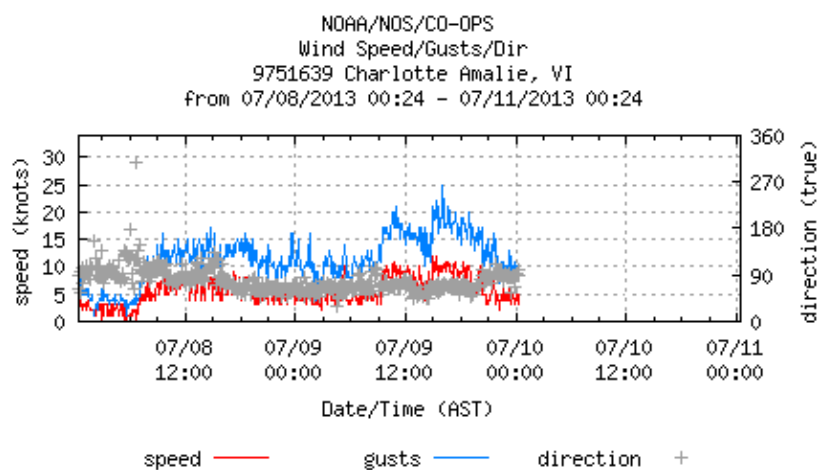
Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: Observed: 1.08 ft. Predicted: 0.76 ft. Residual: 0.32 ft.

Historical Maximum Water Level: Sep 16 1995, 3.72 ft. above MLLW



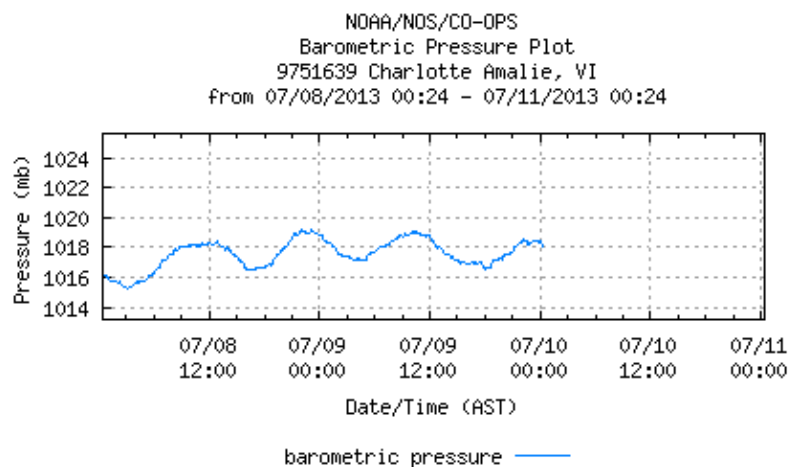
Charlotte Amalie, VI - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Wind Speed: 5 knots Gusts: 9 knots Direction: 88° T

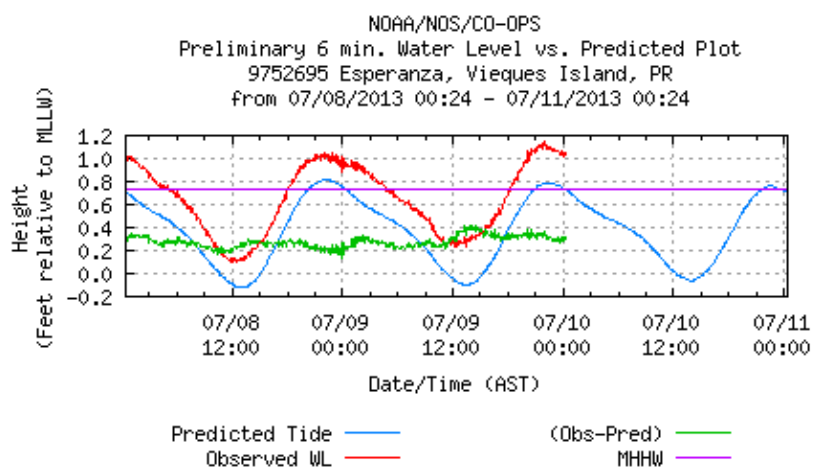
Charlotte Amalie, VI - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Barometric Pressure: 1018.1 mb

Esperanza, Vieques Island, PR - Return to List

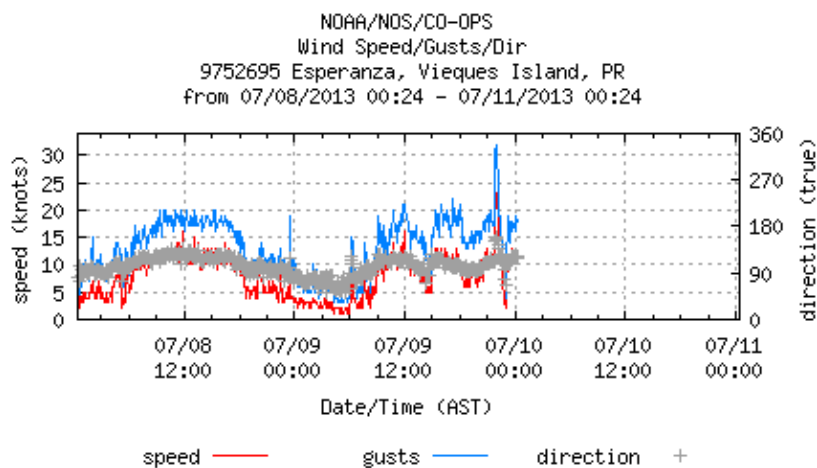


Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: **Observed: 1.03 ft.** **Predicted: 0.73 ft.** **Residual: 0.30 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

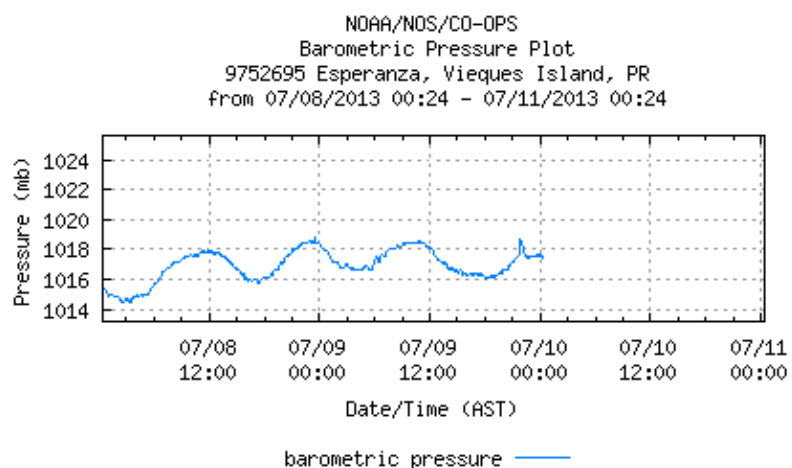
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

**Wind Speed: 12 knots** **Gusts: 18 knots** **Direction: 122° T**

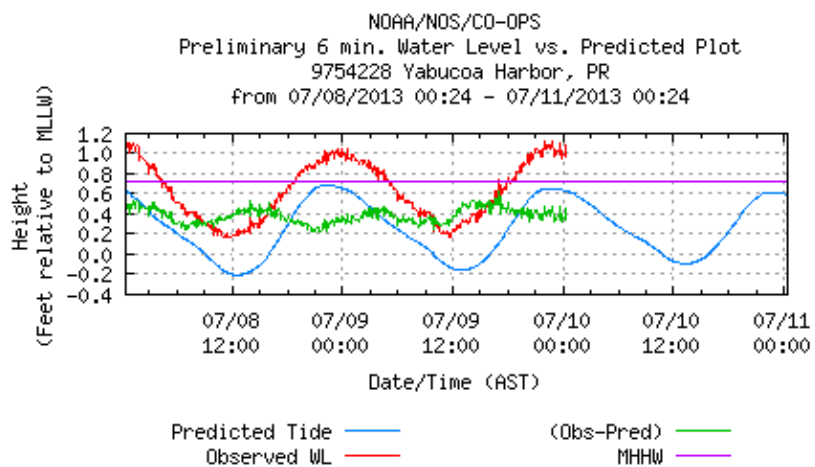
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Barometric Pressure: 1017.4 mb

Yabucoa Harbor, PR - Return to List

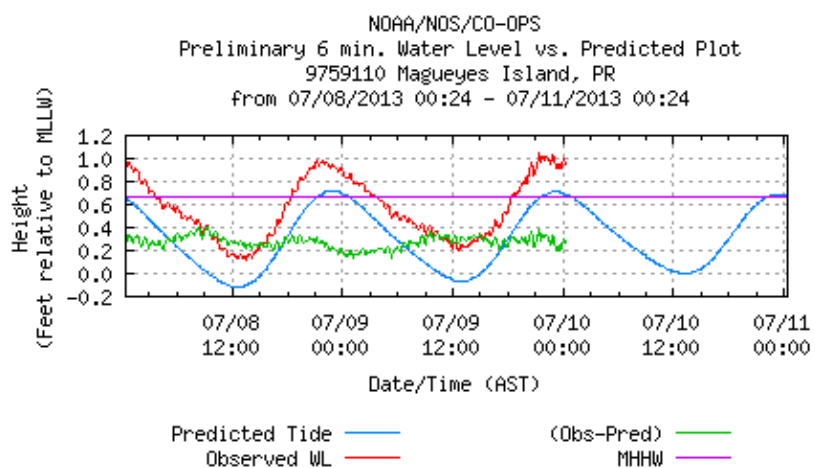


Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: Observed: 1.08 ft. Predicted: 0.63 ft. Residual: 0.45 ft.

Historical Maximum Water Level: n/a

Magueyes Island, PR - Return to List

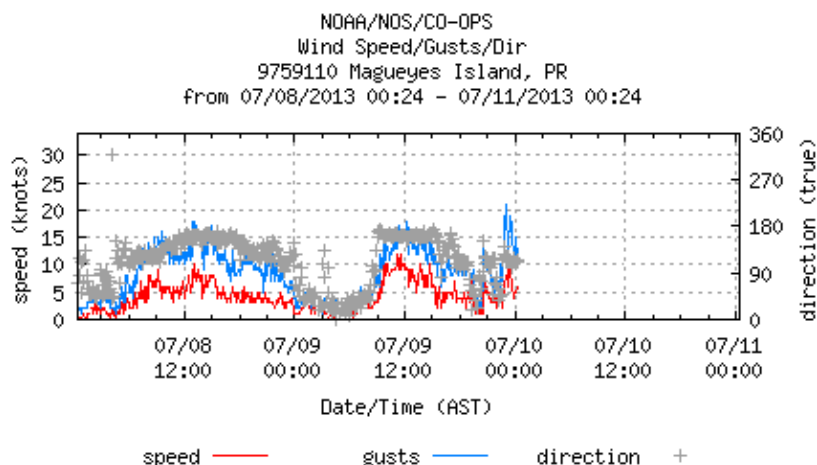


Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: **Observed: 0.95 ft.** **Predicted: 0.69 ft.** **Residual: 0.26 ft.**

Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

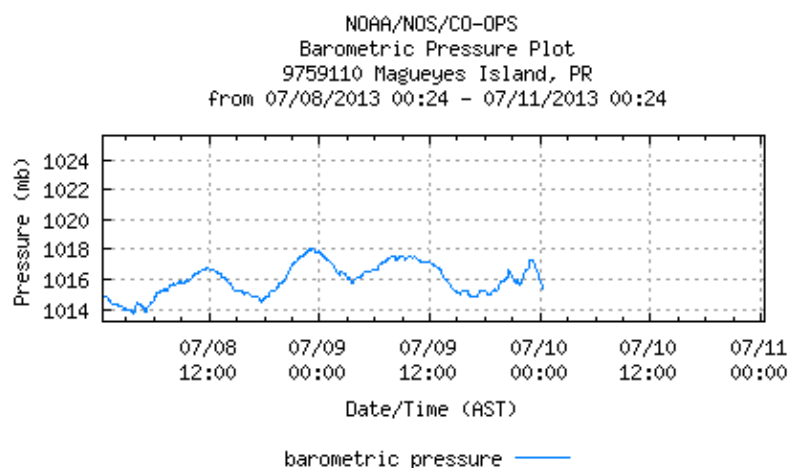
Magueyes Island, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

**Wind Speed: 6 knots** **Gusts: 13 knots** **Direction: 114° T**

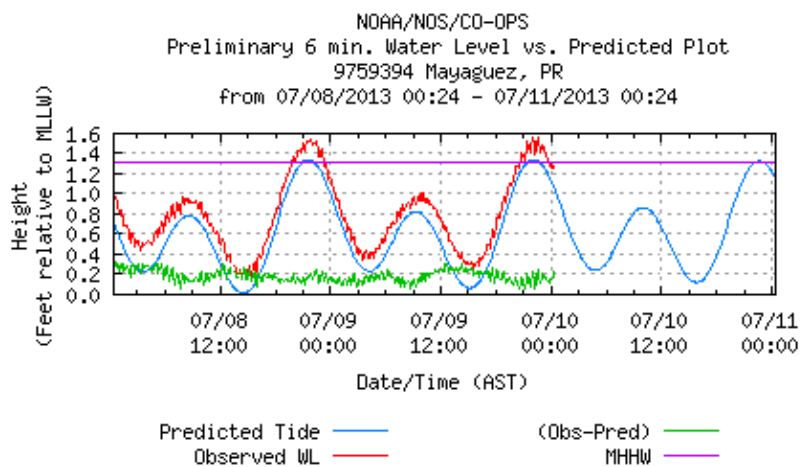
Magueyes Island, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Barometric Pressure: 1015.4 mb

Mayaguez, PR - Return to List

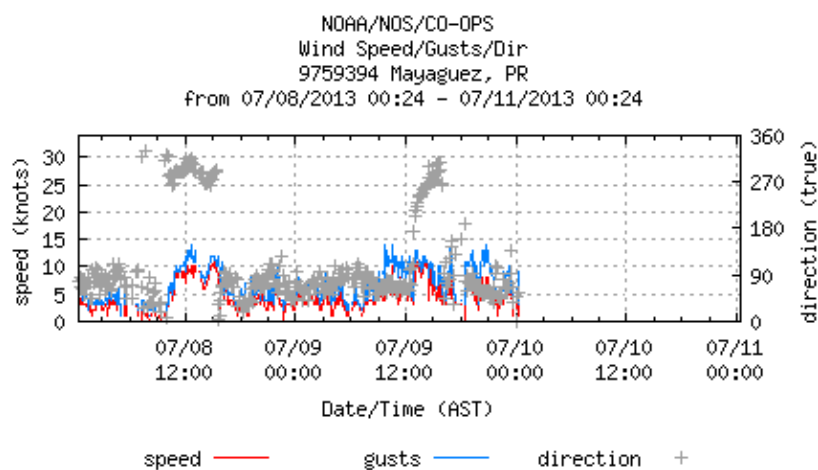


Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: **Observed: 1.28 ft.** **Predicted: 1.06 ft.** **Residual: 0.22 ft.**

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

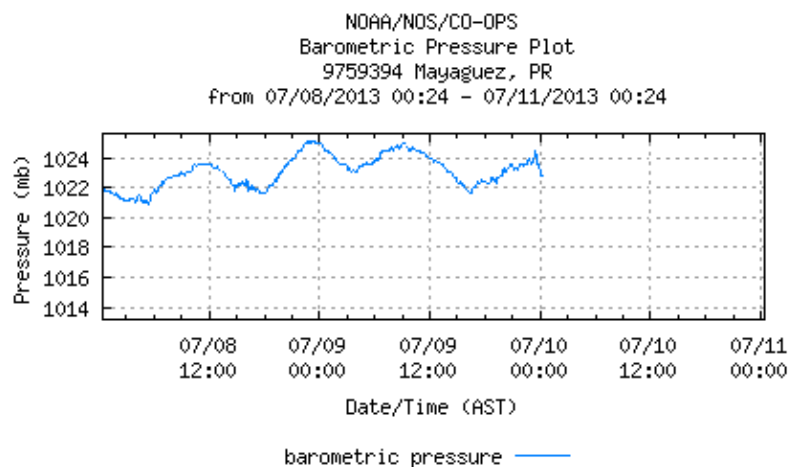
Mayaguez, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Wind Speed: 6 knots Gusts: 9 knots Direction: 54° T

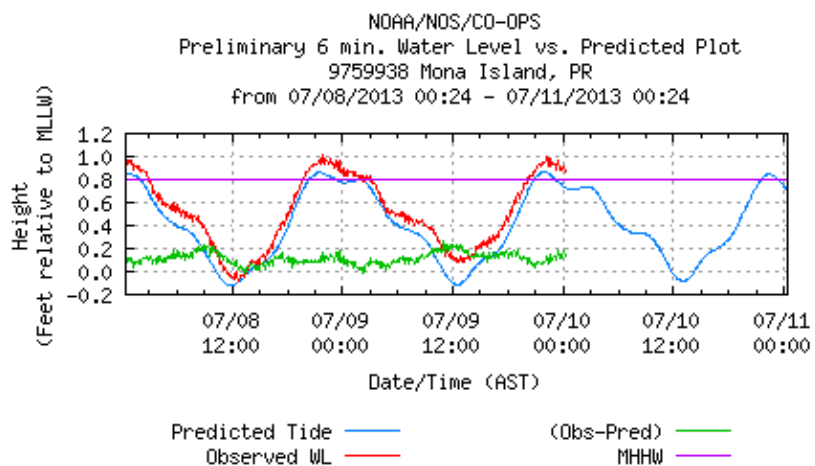
Mayaguez, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

Barometric Pressure: 1022.8 mb

Mona Island, PR - Return to List

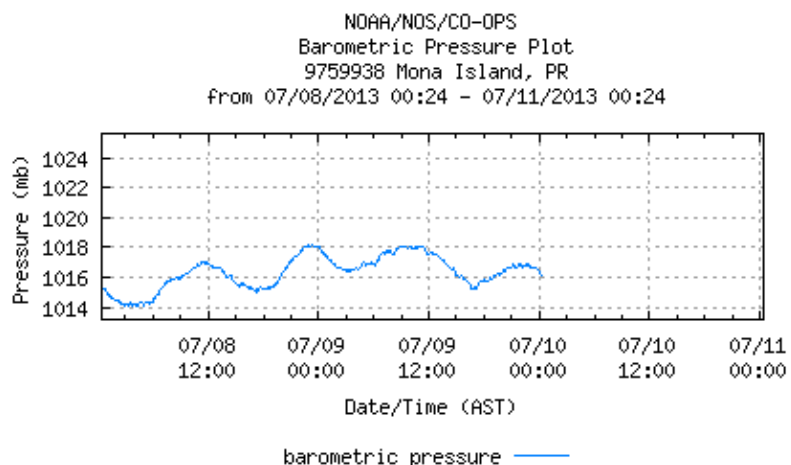


Last Observed Sample: 07/10/2013 00:18 (AST)

Relative to MLLW: **Observed: 0.86 ft.** **Predicted: 0.73 ft.** **Residual: 0.13 ft.**

Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

Mona Island, PR - Return to List



Last Observed Sample: 07/10/2013 00:18 (AST)

**Barometric Pressure: 1016.1 mb**